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(71) Applicant (for all designated States except US): **CE-
QUENT TOWING PRODUCTS, INC.** [US/US]; 47774
Anchor Court, Plymouth, MI 48170 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ROBERTS, An-
thony, S.** [US/US]; 52301 Evard Drive, Granger, IN 46530

(US). **LINDENMAN, Thomas, W.** [US/US]; 18488 Kern
Road, South Bend, IN 46614 (US). **MCCOY, Richard, W.**
[US/US]; 51159 Deerpath Drive, Granger, IN 46530 (US).

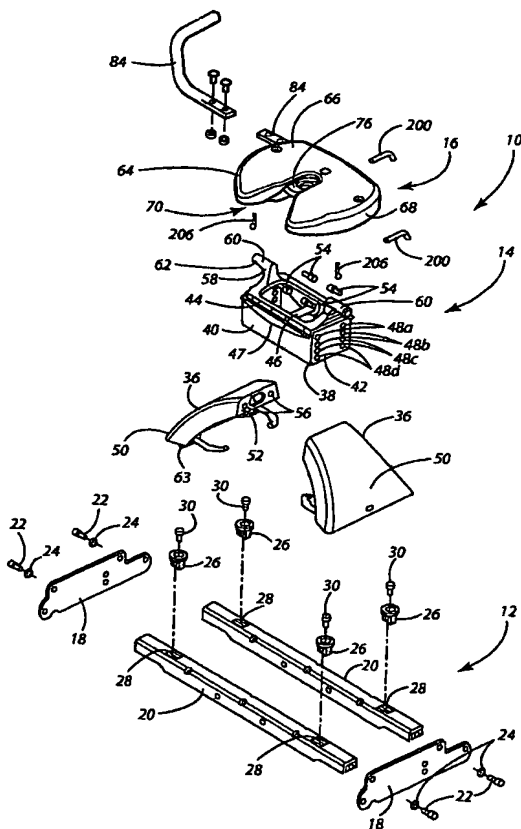
(74) Agents: **SCHICKLI, Warren, D.** et al.; King & Schickli
PLLC, 247 North Broadway, Lexington, KY 40507 (US).

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(54) Title: **FIFTH WHEEL HITCH ASSEMBLY INCORPORATING KING PIN DETECTION SYSTEM**



(57) Abstract: The present invention relates to a fifth wheel hitch as-
sembly for mounting on a towing vehicle and receiving a king pin of
a trailer. The fifth wheel hitch assembly includes a base assembly, a
head assembly carried on the base assembly and a jaw assembly car-
ried on the head assembly. The jaw assembly includes a jaw body dis-
placeable between an open position and a closed position and a control
handle connected to the jaw body. The fifth wheel hitch assembly also
includes a lock for locking the jaw body in the closed position and a
king pin indicator. The king pin indicator is displaceable between a
home position in which the king pin indicator prevents engagement of
the lock and a king pin sensing position in which the lock may be en-
gaged to lock the jaw body in the closed position.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B62D 53/10
US CL : 280/434, 507, 509

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 280/434, 507, 509, 432, 433

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,447,070 A (INOUE) 08 May 1984 (08.05.1984), Figures 1 and 2	13, 14, 22
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Y		21
Y	US 5,516,137 A (KASS et al) 14 May 1996 (14.05.1996), Figure 1	21

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Matthew Luby
Telephone No. (703) 305-0444